

Converting Colors

CIELCh(94, 48.922, 125.132)

Have a look what the booklet for
CIELCh(94, 48.922, 125.132)
contains.

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Color

CIELCh(94, 48.873, 125.353)

Conversions

Conversions Part 1

Format	Color
Hex	D2FB9F
RGB	210, 251, 159
RGB Percent	82%, 98%, 62%
CMY	0.1761, 0.0153, 0.3761
CMYK	0.16, 0.00, 0.37, 0.02
HSL	87°, 92%, 80%
HSV	87°, 37%, 98%
XYZ	67.3942, 85.2715, 45.7462
YIQ	228.2530, 5.0960, -37.3040

Conversions

Conversions Part 2

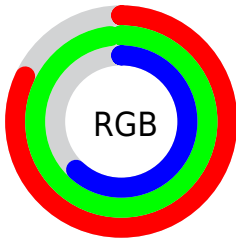
Format	Color
RYB	159, 251, 200
Decimal	13826975
CIELab	94.00, -28.28, 39.86
CIElCh	94, 48.873, 125.353
Yxy	85.2715, 0.3397, 0.4298
Android (android.graphics.Color)	4292017055 (0xFFD2FB9F)
YUV	228.2530, -34.1417, -16.0079
Hunter-Lab	92.3426, -31.3253, 35.2677

Details

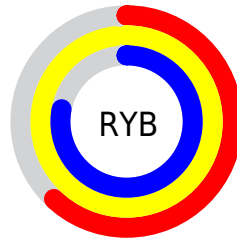
The CIELCh color **94, 48.873, 125.353** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **72, 51.886, 309.148**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 20.216, 108.647**, and **74, 48.821, 125.310** is the 20% darker color. If you saturate the color by 10%, you get **93, 61.617, 124.895**, and if you desaturate by 10%, it is **95, 35.720, 125.854**.

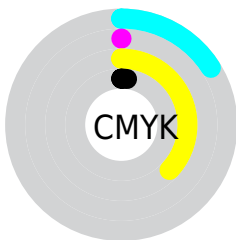
Distribution



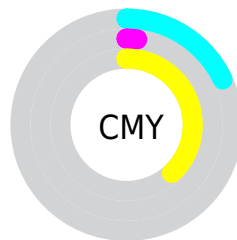
- Red (82%)
- Green (98%)
- Blue (62%)



- Red (62%)
- Yellow (98%)
- Blue (78%)



- Cyan (16%)
- Magenta (0%)
- Yellow (37%)
- Black (2%)




- Cyan (18%)
- Magenta (2%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 48.873, 125.353 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 94, 48.873, 125.353 by changing the saturation by 10% instead.

 94, 48.873,
125.353


 94, 48.873,
125.353


 100, 48.873,
125.353


 84, 48.873,
125.353

 74, 48.873,
125.353

 64, 48.873,
125.353

 54, 48.873,
125.353

 44, 48.873,
125.353

 34, 48.873,
125.353

 24, 48.873,

125.353

■ 14, 48.873,
125.353

■ 4, 48.873, 125.353

■ 94, 48.873,
125.353

■ 94, 48.873,
125.353

■ 93, 61.617,
124.895

■ 95, 35.720,
125.854

■ 92, 73.653,
124.531

■ 96, 22.353,
126.359

■ 91, 84.561,
124.346

■ 98, 8.911, 126.854

■ 91, 93.786,
124.457

■ 99, 2.403, 323.391

■ 99, 2.432, 324.400

■ 90, 100.746,
124.992

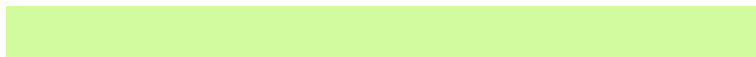
■ 89, 105.117,
126.036

■ 89, 106.216,
126.445

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



94, 48.873, 125.353



72, 51.886, 309.148

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 48.873, 125.353



94, 48.873, 175.353



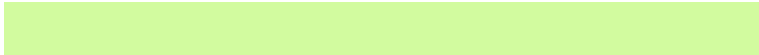
94, 48.873, 305.353



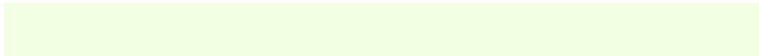
94, 48.873, 355.353

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



94, 48.875, 125.355



98, 14.956, 126.639



84, 30.127, 63.804



52, 10.050, 126.572



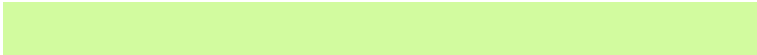
0, 0.000, 0.000



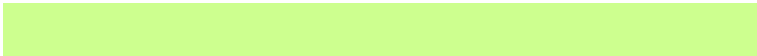
53, 0.007, 296.813

Same Dimension

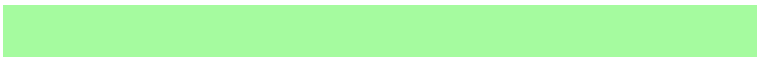
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 48.875, 125.355



95, 59.036, 125.008



91, 56.382, 140.173



52, 7.601, 126.713



69, 85.475, 126.157



23, 37.219, 124.706

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



72, 51.886, 309.148



68, 63.558, 309.608



77, 56.585, 324.470



48, 7.719, 307.596



28, 100.684, 310.717



5, 43.176, 311.135

Previews

White Background



This preview shows how the CIELCh color 94, 48.873, 125.353 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 94, 48.873, 125.353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

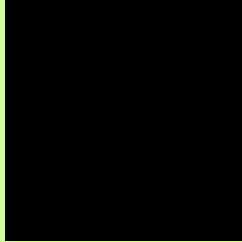
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

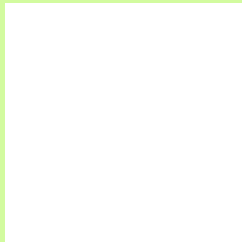
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 48.873, 125.353

Background



This preview shows how black text looks on a background with the CIELCh color 94, 48.873, 125.353.

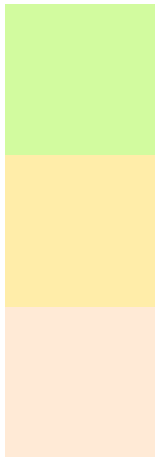


This preview shows how white text looks on a background with the CIELCh color 94, 48.873, 125.353.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
94, 48.873, 125.353

Protanopia
94, 35.378, 95.804

Deuteranopia
94, 12.909, 72.090

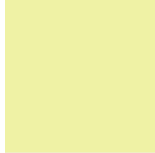


Tritanopia
94, 9.258, 262.405

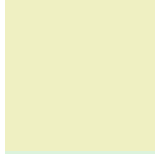
Trichromacy



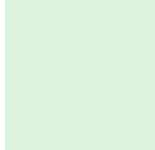
Original Color
94, 48.873, 125.353



Protanomaly
94, 38.988, 108.811



Deuteranomaly
94, 23.495, 109.235

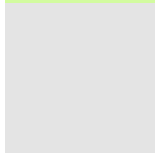


Tritanomaly
94, 14.478, 143.901

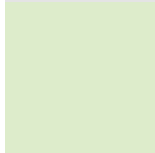
Monochromacy



Original Color
94, 48.873, 125.353



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 17.894, 126.816

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 48.873, 125.353 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(210, 251, 159)` looks like.

```
.text, #text, p{  
    color:rgb(210, 251, 159)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(210, 251, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 251, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 48.873, 125.353 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 251, 159) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(210, 251, 159) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(210, 251, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 251, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 251, 159);  
box-shadow:4px 4px 4px 4px rgb(210, 251,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 48.873, 125.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 251, 159) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(210,  
251, 159) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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